

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: January 19-20, 2005

Reference No.: 2.5f.(1)  
Information Item

From: CINDY McKIM  
Chief Financial Officer

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Ref: **INFORMATIONAL REPORT - EMERGENCY G-11 ALLOCATIONS**

## **SUMMARY:**

Pursuant to the authority granted by Resolution G-11, State Highway Account and Federal Trust funds totaling \$19,191,500 have been allocated for twelve (12) emergency construction projects described below and on the attached list.

Project #1. In Siskiyou County, near Weed at the Shasta River Bridge (Bridge 02-0123R). A portion of the deck of the northbound structure is heavily fractured through its full depth and is punching loose. The deck slab in span # 3 in the 4<sup>th</sup> bay located in the #2 lane is at imminent failure. This project will remove and replace the slab. This project is an interim measure until the deck is replaced in its entirety.

Project #2. In El Dorado County, near Kyburz 0.55 miles east of the Sand Flat Campground to 1.85 mile east of Kyburz Drive. On October 14, 2004, a forest fire (Fred's Fire) started near the town of Kyburz, leaving steep slopes barren of trees and ground cover. On October 17, 2004, a strong rainstorm moved in and caused soil to slide onto the highway travel way, plugging drain systems and blocking the highway at five locations. This project will remove dead trees that may fall on the travel way, clean drainage ditches, unplug culverts and apply erosion control measures.

Project #3. In Sacramento County, in Sacramento near the American River Bridge (Bridge # 24-0003). A collapsed outfall drainage structure was discovered on December 15, 2003. The water was discharging directly on the riverbank causing erosion and threatening the structural stability of the levee that supports the freeway and protects a large portion of downtown Sacramento from flooding. This project will restore the levee and riverbank, extend the drainage pipe, reconstruct the down-drain system, place rock slope protection at the outfall structure and plant grass plugs in the disturbed ground before the upcoming 2004/2005 rainy season.

Project #4. In Sacramento County, south of Isleton at the Three Mile Slough Bridge (Bridge # 24-0121). In November 2003, inspection of the wire ropes connecting the lift span to the two bridge counterweights revealed elevated levels of fatigue cracking and abrasion exceeding the serviceability limits. Initial project was for the replacement of the old wire ropes with new ones and to provide necessary traffic control. This supplemental is needed to close out the contract.

Project #5. In Sonoma County, in Cloverdale at 0.12 mile north of First Street. A slope failure recently occurred in the cut slope above the highway (southbound 101) and directly below a private residence on King Ridge Heights. This project will install a set of drainage galleries in the slope to permanently capture and properly drain the ground water. The installation is to be completed fall/winter of FY 2004/05 before the ground water table is at its highest in the spring of 2005.

Project #6. In Los Angeles County, in the City of Malibu between Carbon Canyon Road and the Malibu Pier. The Las Flores Creek crossing under the Highway and five adjacent retention basins have not been cleared for four years resulting in backup of silt and debris. These retention basins help capture debris washed down through the steep canyons above LA-1. This project will clear the creek and the basins before major rainstorms occur to prevent damage to the highway and private property.

Project #7. In Los Angeles County within the boundaries of the Angeles National Forest north of the City of Azusa. Between October 16 and 20, 2004, heavy rain (12 inches) fell on this area. This area was recently completely burned during the Curve Fire of September 2002. Heavy runoff with rock and fire debris blocked the road at numerous locations and damaged the highway drainage system. This project will remove storm deposited debris, repair pavement and the drainage system.

Project #8. In San Bernardino County, in Wrightwood at Sheep Creek Bridge on Highway 2 and at Cleghorn Road on Highway 138. On October 19 and 20, 2004, several inches of rain fell causing massive mud/rock slides. Rivers of sediments damaged drainage facilities and undermined pavement. This project will remove debris from drainage facilities and streams, restore embankment slopes, and repair damaged facilities, repair bridge rail and abutment.

Project #9. In San Bernardino County, near Crestline from Junction 138 to Crest Forest Drive. On October 19 and 20, 2004, several inches of rain fell causing massive mud/rock slides. Rivers of sediments damaged drainage facilities and undermined pavement. Also debris accumulated behind metal mesh curtains that protect the slopes and pushed them toward the highway. This project will remove debris from drainage facilities and streams, restore embankment slopes, and remove rocks from under the slope curtains.

Project #10. In San Bernardino County, in Ontario south of Holt Avenue. On October 19, 2004, several inches of rain fell causing run-off around abutment under two railroad bridges. The flow got under concrete slabs and sidewalks causing severe erosion and undermining of abutment and drainage system. This project will remove damaged concrete slabs, repair drainage system, restore eroded embankment and re-establish concrete slabs and sidewalks.

Project #11. In San Bernardino County, in Devore on northbound Route 215 connector to southbound Route 15. On October 19 and 20, 2004, several inches of rain fell on the mountains around Devore. This is an area that was previously burned by the October 2003 fires. The rain caused massive erosion with rivers of mud/rock coming down the Nedlee and Rimbark creeks. This project will remove debris and sediment on the connector and from culverts, repair broken drop inlets and adjacent pavement, restore embankment slopes and re-establish flow lines.

Project #12. In Inyo County, in and near Death Valley National Park on Route 190 from Bad Water Road to 29.2 miles east of Bad Water Road. On August 15, 2004, flash flooding caused severe damage to this State Highway. Portions of the highway were completely destroyed while others were buried under rock and sand. The highway was closed to travel in both directions. A Proclamation of a State of Emergency in Inyo County was later declared by the Governor's Office. This project will reconstruct the roadway.

### **BACKGROUND:**

The California Transportation Commission (Commission) by Resolution G-11, as amended by Resolution G-00-11, delegated to the Department of Transportation (Department) authority to allocate funds to correct certain situations caused by floods, slides, earthquakes, material failures, slip outs, unusual accidents or other similar events. This immediately allows the Department to begin corrective action in an emergency condition without waiting for the next Commission meeting to receive an allocation.

This authority is operative whenever such an event:

1. Places people or property in jeopardy.
2. Causes or threatens to cause closure of transportation access necessary for:
  - a. Emergency assistance efforts.
  - b. The effective functioning of an area's services, commerce, manufacture or agriculture.
  - c. Persons in the area to reach their homes or employment.
3. Causes either an excessive increase in transportation congestion or delay, or an excessive increase in the necessary distances traveled.

The G-11 Resolution also requires the Department to notify the Commission, at their next meeting, whenever such an emergency allocation has been made.

Attachment

## 2.5 Highway Financial Matters

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
<b>2.5f.(1) Informational Report – Emergency G-11 Allocations</b>				
1 \$150,000 Siskiyou 02N-Sis-5 R22.0/R22.8	Near Weed at the Shasta River Bridge (Bridge 02-0123R). A portion of the deck of the northbound structure is heavily fractured through its full depth and is punching loose. The deck slab in span #3 in the 4 <sup>th</sup> bay located in the #2 lane is at imminent failure. This project will remove and replace the slab. This project is an interim measure until the deck is replaced in its entirety.	2C4401 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.110	\$150,000 - \$150,000
	Initial G-11 Allocation 10/27/04:			\$150,000
2 \$150,000 El Dorado 03U-ED-50 47.75/51.0	Near Kyburz 0.55 miles east of the Sand Flat Campground to 1.85 mile east of Kyburz Drive. On October 14, 2004, a forest fire (Fred's Fire) started near the town of Kyburz, leaving steep slopes barren of trees and ground cover. On October 17, 2004, a strong rainstorm moved in and caused soil to slide onto the highway travel way, plugging drain systems and blocking the highway at five locations. This project will remove dead trees that may fall on the travel way, clean drainage ditches, unplug culverts, and apply erosion control measures.	1E2601 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$150,000 - \$150,000
	Initial G-11 Allocation 11/9/04:			\$150,000
3 \$175,000 Sacramento 03U-Sac-51 2.61	In Sacramento near the American River Bridge (Bridge #24-0003). A collapsed outfall drainage structure was discovered on December 15, 2003. The water was discharging directly on the riverbank causing erosion and threatening the structural stability of the levee that supports the freeway and protects a large portion of downtown Sacramento from flooding. This project will restore the levee and riverbank, extend the drainage pipe, reconstruct the down-drain system, place rock slope protection at the outfall structure and plant grass plugs in the disturbed ground before the upcoming 2004/2005 rainy season.	0E4501 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$175,000 - \$175,000
	Initial G-11 Allocation 10/22/04:			\$175,000
4 \$110,000 Sacramento 03U-Sac-160 6.98	South of Isleton at the Three Mile Slough Bridge (Bridge #24-0121). In November 2003, inspection of the wire ropes connecting the lift span to the two bridge counterweights revealed elevated levels of fatigue cracking and abrasion exceeding the serviceability limits. Initial project was for the replacement of the old wire ropes with new ones and to provide necessary traffic control. This supplemental is needed to close out the contract.	0E1001 SHOPP Emergency	2003-04 302-0042 302-0890 20.20.201.110	\$22,000 \$88,000 \$110,000
	Initial G-11 Allocation 12/9/03:			\$2,000,000
	Supplemental G-11 Allocation 11/8/04:			\$110,000
	Revised Allocation:			\$2,110,000
5 \$806,500 Sonoma 04U-Son-101 52.2	In Cloverdale at 0.12 mile north of First Street. A slope failure recently occurred in the cut slope above the highway (southbound 101) and directly below a private residence on King Ridge Heights. This project will install a set of drainage galleries in the slope to permanently capture and properly drain the ground water. The installation is to be completed this fall/winter before the ground water table is at its highest in the spring.	278901 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$806,500 - \$806,500
	Initial G-11 Allocation 11/08/04:			\$750,000
	Award G-11 Allocation 11/29/04:			\$806,500
	Revised Allocation:			\$806,500
6 \$700,000 Los Angeles 07U-LA-1 44.1/46.5	In the City of Malibu between Carbon Canyon Road and the Malibu Pier. The Las Flores Creek crossing under the Highway and five adjacent retention basins have not been cleared for four years resulting in backup of silt and debris. These retention basins help capture debris washed down through the steep canyons above Route 1 in Los Angeles. This project will clear the creek and the basins before major rainstorms occur to prevent damage to the highway and private property.	4K5301 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$700,000 - \$700,000
	Initial G-11 Allocation 11/1/04:			\$700,000

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Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
<b>2.5f.(1) Informational Report – Emergency G-11 Allocations</b>				
7 \$575,000 Los Angeles 07U-LA-39 28.0/44.4	Within the boundaries of the Angeles National Forest north of the City of Azusa. Between October 16 and 20, 2004, heavy rain (12 inches) fell on this area. This area was recently completely burned during the Curve Fire of September 2002. Heavy runoff with rock and fire debris blocked the road at numerous locations and damaged the highway drainage system. This project will remove storm- deposited debris, repair the pavement and the drainage system.	4K5801 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$575,000 - \$575,000
	Initial G-11 Allocation 11/1/04:			\$575,000
8 \$550,000 San Bernardino 08U-SBd-2, 138 2.43/2.44, 25.2/27.5	In Wrightwood at Sheep Creek Bridge on Highway 2, and at Cleghorn Road on Highway 138. On October 19 and 20, 2004, several inches of rain fell causing massive mud/rock slides. Rivers of sediments damaged drainage facilities and undermined pavement. This project will remove debris from drainage facilities and streams, restore embankment slopes, repair damaged facilities, and repair bridge rail and abutment.	0F7001 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$550,000 - \$550,000
	Initial G-11 Allocation 11/12/04:			\$550,000
9 \$175,000 San Bernardino 08U-SBd-18 17.7/20.5	Near Crestline from Junction 138 to Crest Forest Drive. On October 19 and 20, 2004, several inches of rain fell causing massive mud/rock slides. Rivers of sediments damaged drainage facilities and undermined pavement. Also debris accumulated behind metal mesh curtains that protect the slopes and pushed them toward the highway. This project will remove debris from drainage facilities and streams, restore embankment slopes, and remove rocks from under the slope curtains.	0F6801 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$175,000 - \$175,000
	Initial G-11 Allocation 11/12/04:			\$175,000
10 \$300,000 San Bernardino 08U-SBd-83 9.1/9.3	In Ontario south of Holt Avenue. On October 19, 2004, several inches of rain fell causing run-off around abutment under two railroad bridges. The flow got under concrete slabs and sidewalks causing severe erosion and undermining of abutment and drainage system. This project will remove damaged concrete slabs, repair drainage system, restore eroded embankment and re-establish concrete slabs and sidewalks.	0F6901 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$300,000 - \$300,000
	Initial G-11 Allocation 11/12/04:			\$300,000
11 \$500,000 San Bernardino 08U-SBd-215 17.7	In Devore on northbound Route 215 connector to southbound Route 15. On October 19 and 20, 2004, several inches of rain fell on the mountains around Devore. This is an area that was previously burned by the October 2003 fires. The rain caused massive erosion with rivers of mud/rock coming down the Nedlee and Rimbark creeks. This project will remove debris and sediment on the connector and from culverts, repair broken drop inlets and adjacent pavement, restore embankment slopes and re-establish flow lines.	0F6701 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	\$500,000 - \$500,000
	Initial G-11 Allocation 11/5/04:			\$500,000
12 \$15,000,000 Inyo 09U-Iny-190 111.5/140.7	In and near Death Valley National Park on Route 190 from Bad Water Road to 29.2 miles east of Bad Water Road. On August 15, 2004, flash flooding caused severe damage to this State Highway. Portions of the highway were completely destroyed while others were buried under rock and sand. The highway was closed to travel in both directions. A Proclamation of a State of Emergency in Inyo County was later declared by the Governor's Office. This project will reconstruct the roadway.	326901 SHOPP Emergency	2004-05 302-0042 302-0890 20.20.201.130	- \$15,000,000 \$15,000,000
	Initial G-11 Allocation 12/9/04:			\$15,000,000